



Atty. Docket No.: 520:37902X00  
Serial No.: 09/445,088

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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11/2002  
Applicants: Yuichiro Nakaya et al.  
Serial No.: 09/445,088  
Filed: December 2, 1999  
For: IMAGE ENCODING AND DECODING METHOD AND DEVICE  
Art Unit: 2613  
Examiner: Lee, Richard J.

**AMENDMENT AFTER FINAL REJECTION UNDER 37 C.F.R. § 1.116**

Assistant Commissioner for Patents  
Washington, D.C. 20231

October 29, 2002

Sir:

In response to the Office Action dated July 29, 2002, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please amend claims 1-4 and 22 as follows:

- Sub C* > 1. (Twice Amended) A method of synthesizing an interframe predicted image of a current frame from a reference image comprising:  
*B1* *contd*  
a first step for calculating the values of motion vectors between said interframe predicted image and said reference image for four representative points at coordinates (i,j), (i+p, j), (i, j+q), (i+p, j+q) of said interframe predicted image (where i, j, p, q are integers, the horizontal and vertical components of the motion vectors of the representative points taking the values of integral multiples of 1/k where k and the hk power of 2, and hk is a non-negative integer),